

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	356	half adj cycle adj3 modulati\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 19:31
S1	96	wind same solar with fuel adj cell with battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 10:38
S2	136	wind same solar same ((fuel adj cell)(fuelcell)) same battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 09:38
S3	0	("2004/0066094").URPN.	USPAT	OR	OFF	2006/04/17 16:46
S4	2203	307/18-29.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 18:39
S5	404	S4 and battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 18:39
S6	17	("3491282"   "3628123"   "3648149"   "3792286"   "4032832"   "4366532"   "4628438"   "4800481"   "5041957"   "5132892"   "5373433"   "5631820"   "5896281"   "5933339"   "6340851").PN. OR ("6608404").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/17 19:03
S7	11440	(wind or solar or ((fuel adj cell)(fuelcell))) same (battery with (charg\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 09:42

## EAST Search History

S8	1582	S7 and AC and dc	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 09:43
S9	2204	307/18-29.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 09:39
S10	5	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 09:39
S11	66187	(wind or solar or ((fuel adj cell)(fuelcell))) same (battery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 09:53
S12	5488	S11 and AC and dc	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 11:04
S13	13	S12 and S9 not S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 09:43
S14	783	(wind or solar or ((fuel adj cell)(fuelcell))) same (battery) and (AC and DC) with load	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 17:30
S16	796	(wind solar ((fuel adj cell)(fuelcell))) same (battery) and (AC and dc) with (load output) and (battery with (charge charged charging))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 11:07

## EAST Search History

S17	796	(wind solar ((fuel adj cell)(fuelcell))) same (battery) and ((AC and dc) with (load output)) and (battery with (charge charged charging))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 11:08
S18	194	S17 and ("363"/\$.ccls. "307"/\$.ccls. "361"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 11:18
S19	4	("5856712" "6067243").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 18:53
S20	12712	(AC and DC) near2 (load output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 11:55
S21	17396	battery with (full fully complete completely completed) with (charge charged charging)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 11:56
S22	634	S21 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 11:57
S23	157	S22 and "307"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 11:57
S24	356	(Battery batteries) with charg\$3 with discharg\$3 with simultaneously	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 10:39

## EAST Search History

S25	84	(Battery batteries) with charg\$3 near3 discharg\$3 near3 simultaneously	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 10:39
S26	97785	fuel adj cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 11:17
S27	11730	(307/43-87.ccls. 307/18-29.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 11:16
S28	266	S26 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 11:17
S29	97794	(fuel adj cell) (fuelcell) fuel-cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 11:17
S30	266	S29 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 14:16
S31	458	compressed near3 hydrogen same ((fuelcell)(fuel adj cell) (fuel-cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/30 13:51
S33	39	compressed near3 hydrogen same ((fuelcell)(fuel adj cell) (fuel-cell)) same (benefit advantage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 13:52

## EAST Search History

S34	11730	(307/43-87.ccls. 307/18-29.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 14:16
S35	97794	(fuel adj cell) (fuelcell) fuel-cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 14:16
S36	266	S35 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 14:16
S37	130	S36 and transformer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 14:17
S38	118	S37 and (battery batteries)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 14:17
S39	16	("5029064"   "5334877"   "5363286"   "5483463"   "5598326").PN. OR ("5856712").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/30 17:26
S40	208	320/138.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 19:29
S41	164	wind same solar same ((fuel adj cell)(fuelcell) (fuel-cell)) same (battery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 19:08

## EAST Search History

S42	36	wind same solar same ((fuel adj cell)(fuelcell) (fuel-cell)) same (battery) and utility and transformer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 19:15
S44	104	(wind solar) same ((fuel adj cell)(fuelcell) (fuel-cell)) same (battery) and utility and transformer not S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 19:16
S45	16	("5029064"   "5334877"   "5363286"   "5483463"   "5598326").PN. OR ("5856712").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/30 19:23
S46	97794	(fuel adj cell) (fuelcell) fuel-cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 19:31
S47	8	S46 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 19:30
S49	1405	S46 with (charge charging charged) with (battery batteries)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 19:31
S50	354	705/412.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 14:49
S51	92	S50 and battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 14:49

## EAST Search History

S52	99	S50 and battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 14:54
S53	23	S50 and ((fuelcell) (Fuel adj cell) (Fuel-cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 14:51
S54	11744	Battery with (fully completely complete completed) near3 (charge charging charged)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 16:51
S55	11743	(307/43-87.ccls. 307/18-29.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 14:55
S56	440	S55 and S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 14:56
S57	316	S56 and ((Alternating adj current) (AC))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 14:56
S58	127	(minimize reduce) with (AC utility) with (usage cost) same (battery batteries (fuel adj cell) fuel-cell fuelcell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 18:15
S59	43	battery and load and (fully charged) and (ac near dc near convert\$3)	EPO; JPO; DERWENT	OR	ON	2006/11/13 18:32
S60	173	(DC (direct adj current) battery batteries) with (cheap cheaper cost costly) with utility	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 18:34

## EAST Search History

S61	6	((("6281485") or ("6369462") or ("6433522")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 18:35
S62	219	fully near2 charged same utility	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 18:54
S63	140	S62 and (cost costly money peak)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 19:01
S64	798	load adj leveling and (battery batteries)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 19:03
S65	231	S64 and AC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 13:30
S66	144	battery with priority same (AC utility)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 13:51
S67	2635	solar with (battery batteries) same (utility AC)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 13:53
S68	15	solar with (battery batteries) with (fully complete\$3) with (charg\$3) same (utility AC)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 13:54
S69	0	("2002/0121298").URPN.	USPAT	OR	OFF	2006/11/14 16:31



## EAST Search History

S70	0	terminal adj period adj disharg\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 16:32
S71	0	terminal adj period adj of adj disharg\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 16:33
S72	0	terminal adj period adj of adj discharg\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 16:33
S73	9	terminal adj2 period adj2 discharg\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 16:33